

# High Intensity Discharge Lamps

## MasterColor Ceramic Metal Halide Lamps

Watts	Bulb Base	Product Number	Symbols, Footnotes	Ordering Code	ANSI Code	Pkg. Ballast Ref.	Description (401, 407)	LCL (In.)	MOL (In.)	Rated Avg. Life (Hrs.) (351)	Approx. Initial Lumens (352)	Approx. Mean Lumens (353)	CCT (K)
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### Protected MasterColor Ceramic Metal Halide Lamps (391, 392, 396, 399)

ED17P sleeved arc tube; open or enclosed luminaires; lifetime color stability within ±200K; pulse start

50	ED17P Med.	42368-1	★†	MHC50/U/MP/3K ELITE	M148/M110/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	4800	3840	90 3000
		42994-4	★†	MHC50/U/MP/4K/ELITE	M148/M110/O12		G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	4645	3716	92 4000
70	ED17P Med.	42370-7	★†	MHC70/U/MP/3K ELITE	M143/M98/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	6700	5360	90 3000
		42369-9	★†	MHC70/CU/MP/3K ELITE	M143/M98/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	6100	4880	90 3000
		42995-0	★†	MHC70/U/MP/4K/ELITE	M143/M98/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	6189	4951	93 4000
		42997-6	★†	MHC70/CU/MP/4K/ELITE	M143/M98/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	5896	4717	93 4000
100	ED17P Med.	42367-3	★†	MHC100/U/MP/3K ELITE	M140/M90/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	10,000	8000	90 3000
		42371-5	★†	MHC100/CU/MP/3K ELITE	M140/M90/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	9200	7360	90 3000
		42993-6	★†	MHC100/U/MP/4K/ELITE	M140/M90/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	9249	7399	93 4000
		42996-8	★†	MHC100/CU/MP/4K/ELITE	M140/M90/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	8750	7000	93 4000
150	ED17P Med.	13463-5	★	MHC150/U/MP/3K	M142/M102/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	16,000	12,900	9545	85 3000
		13464-3	★	MHC150/CU/MP/3K	M142/M102/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	16,000	11,900	8805	85 3000
		37724-2	★	MHC150/U/MP/4K	M142/M102/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	12,000	9000	92 4000
		37726-7	□★	MHC150/CU/MP/4K	M142/M102/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	11,000	8250	92 4000

### MasterColor Ceramic Metal Halide ED17, ED28 Lamps (391, 392, 399)

Enclosed luminaires only; lifetime color stability within ±200K; pulse start

50	ED17 Med.	41949-9	★†	MHC50/U/M/3K ELITE	M148/M110/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	5500	4400	90 3000
		41950-7	★†	MHC50/CU/M/3K ELITE	M148/M110/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	5200	4160	90 3000
		42992-8	★†	MHC50/U/M/4K ELITE	M148/M110/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	4779	3823	88 4000
		42987-8	★†	MHC50/CU/M/4K ELITE	M148/M110/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	3544	2835	83 4000
70	ED17 Med.	41947-3	★†	MHC70/U/M/3K ELITE	M143/M98/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	7700	6100	90 3000
		41948-1	★†	MHC70/CU/M/3K ELITE	M143/M98/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	7300	5800	90 3000
		42990-2	★†	MHC70/U/M/4K/ELITE	M143/M98/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	6630	5304	89 4000
		42991-0	★†	MHC70/CU/M/4K/ELITE	M143/M98/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	6149	4919	88 4000
100	ED17 Med.	41951-5	★†	MHC100/U/M/3K ELITE	M140/M90/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	11,000	9350	85 3000
		41952-3	★†	MHC100/CU/M/3K ELITE	M140/M90/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	10,200	8670	85 3000
		42988-6	★†	MHC100/U/M/4K/ELITE	M140/M90/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	9955	7964	93 4000
		42989-4	★†	MHC100/CU/M/4K/ELITE	M140/M90/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	9530	7624	93 4000
	ED28 Mog.	43070-2	□★	MHC100/U/ED28/HR/4K	M140/M90/E	12	G, Clear (372, 377, 378)	5	8 <sup>1</sup> / <sub>16</sub>	20,000	10,000	8000	90 4100
150	ED17 Med.	13022-9	★	MHC150/U/M/3K	M142/M102/E	12	G, Clear	3 <sup>1</sup> / <sub>32</sub>	5 <sup>1</sup> / <sub>16</sub>	16,000	14,000	10,500	85 3000
		13023-7	★	MHC150/CU/3K	M142/M102/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	16,000	12,500	9375	85 3000
		37720-0	★	MHC150/U/M/4K	M142/M102/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	13,000	9750	92 4000
		37721-8	★	MHC150/CU/M/4K	M142/M102/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	12,000	9000	92 4000

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HID symbols and footnotes located on page 82

